Simple Sums

arithmetic 1–100

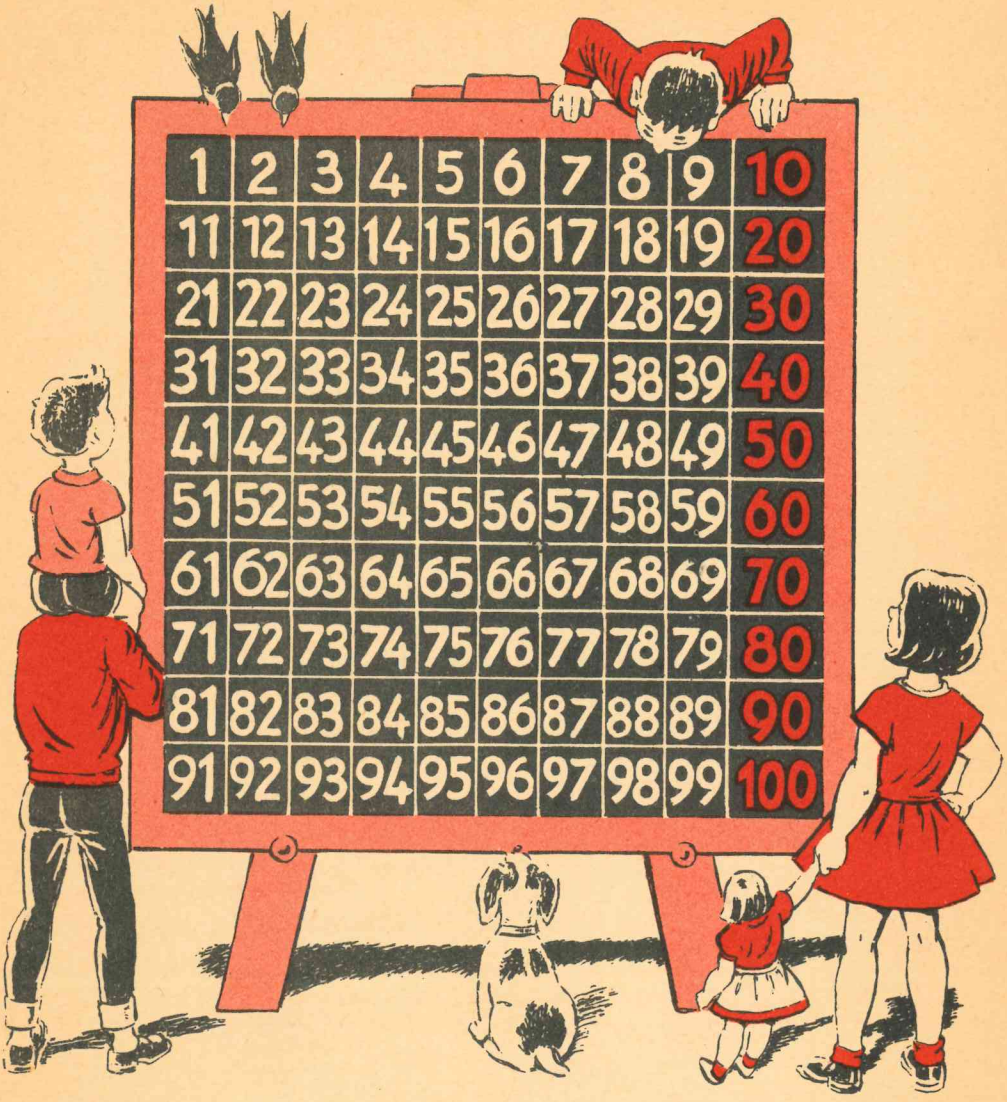
BOOK 2

Simple Sums

In this second book everything possible has been done to make it interesting for boys and girls learning arithmetic. There are stories combined with attractive pictures which will make learning easy and enjoyable, and we are sure this will be of great value to all children.

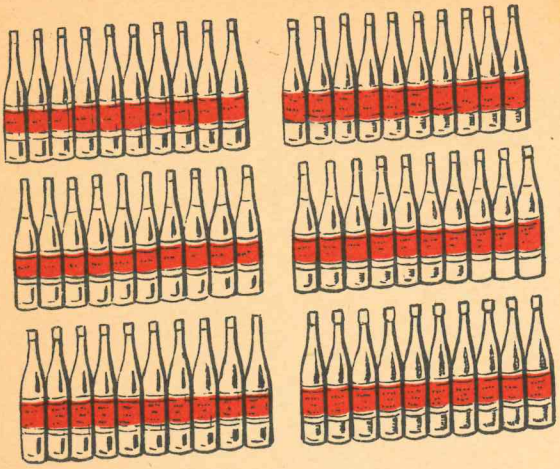
from 1-100

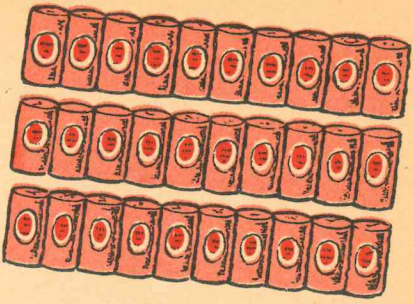
BOOK 2

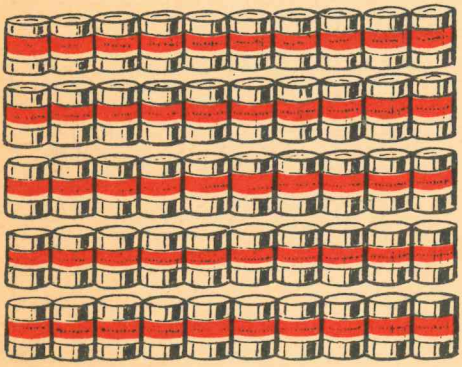


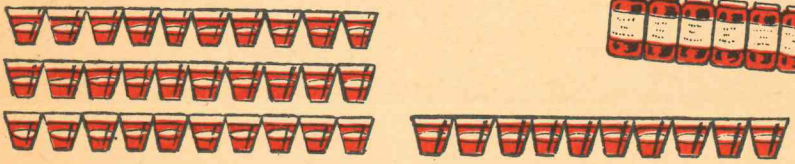
They are all going to learn to count up to 100.

Will you join them? It is not too easy at first but if you try hard you will soon learn.

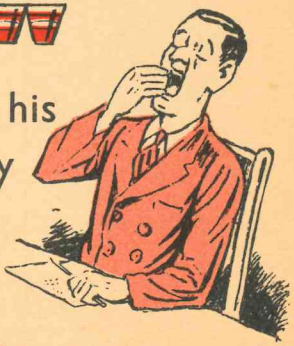








The grocer is counting everything in his shop. Who will help him? It is already late and he is very sleepy.



Bottles of vinegar . . .

packets of biscuits . . .

tins of vegetables . . .

jars of jam . . .

pots of mustard . . .

Fill in this adding in tens.

10									100

Fill in this adding in twos

30	60
32	62
34	
36	

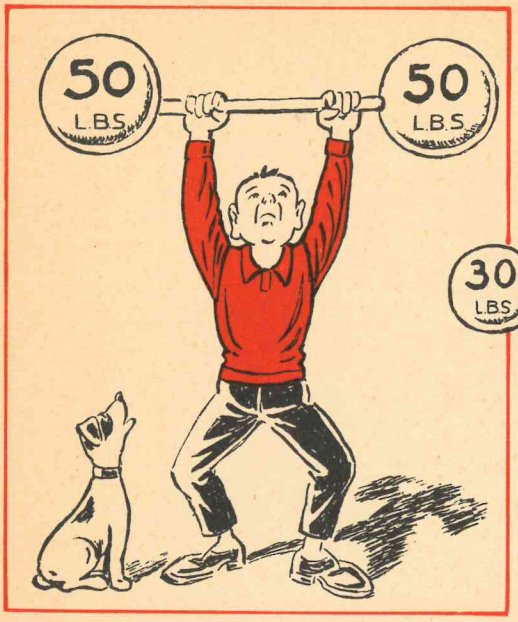
Complete this from 100 to 1.

100	99	98	97	96					
90	89	88							
80	79	78							
									1

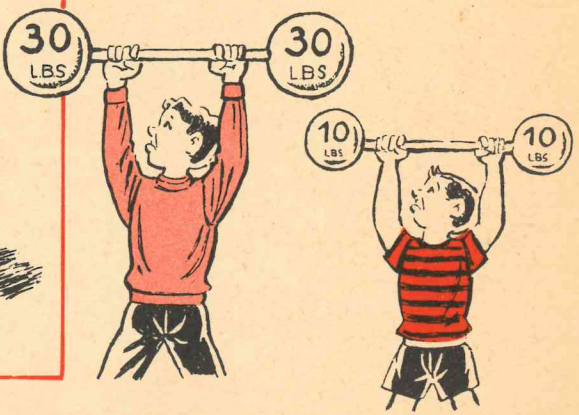
Take away in twos.

40	38	36	34						
70	68								

These were Johnny's four pages of homework, but as you see he did not finish them, and he had to stand in the corner as a punishment.

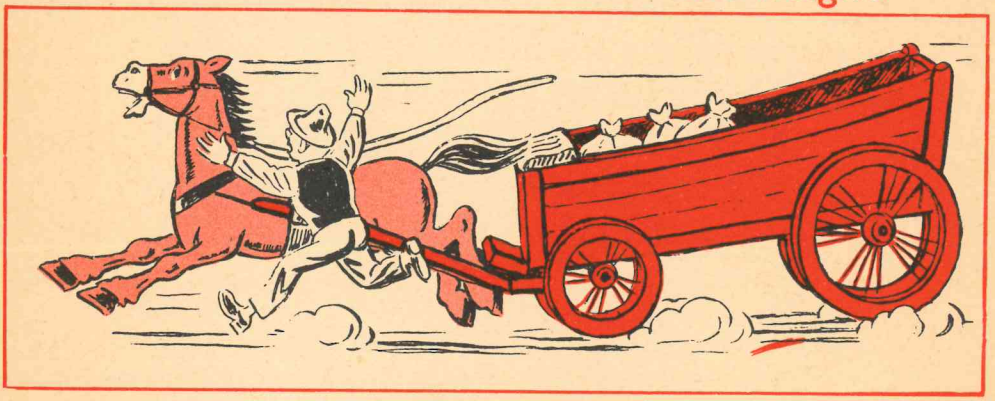


As you can see, these boys are very strong.

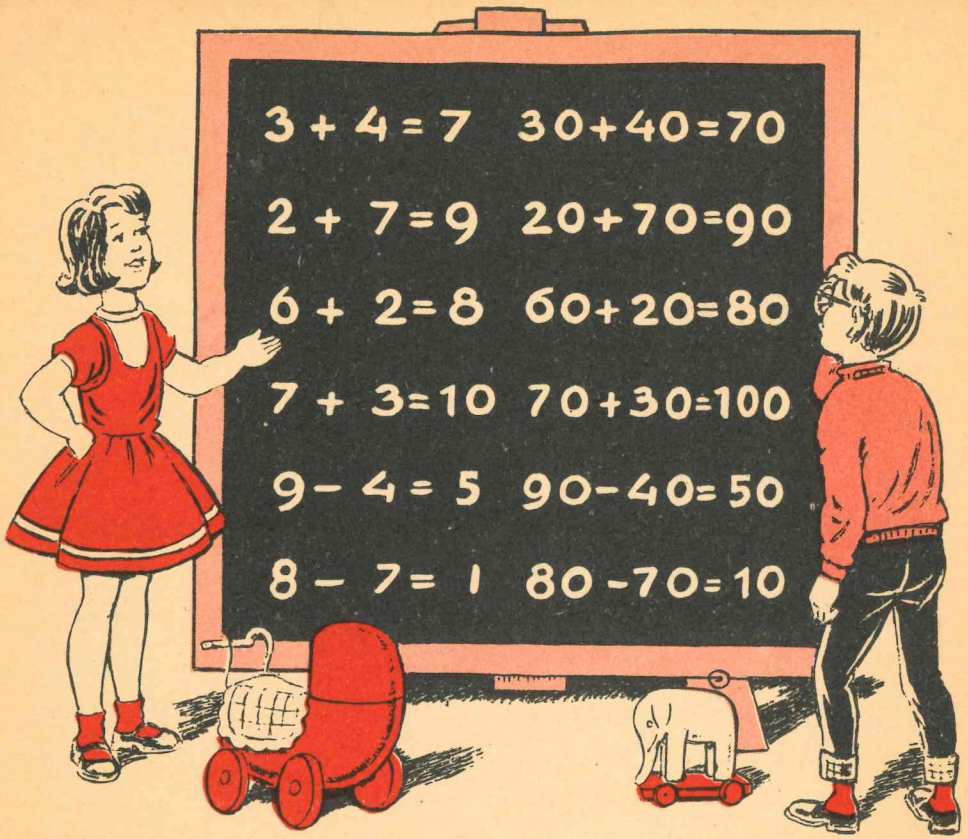


Which boy is the strongest?

What is the difference in the weight?



There were 8 bags of hay on this cart, but the horse ran away and some bags fell off. There are 10 lbs. of hay in each bag, so how many pounds of hay fell off the cart?



At first these sums do not seem very easy but if you look carefully and try hard you will find that you can do them.

20 + 30 =	50 + 20 =	70 — 30 =
40 + 10 =	90 + 10 =	80 — 50 =
70 + 20 =	50 + 40 =	60 — 40 =
40 + 60 =	20 + 80 =	90 — 80 =

Pay good attention!

$10 = 1 \times 10 = 10$

$10 + 10 = 2 \times 10 = 20$

$10 + 10 + 10 = 3 \times 10 = 30$

$10 + 10 + 10 + 10 = 4 \times 10 = 40$

$10 + 10 + 10 + 10 + 10 = 5 \times 10 = 50$

$10 + 10 + 10 + 10 + 10 + 10 = 6 \times 10 = 60$

$10 + 10 + 10 + 10 + 10 + 10 + 10 = 7 \times 10 = 70$

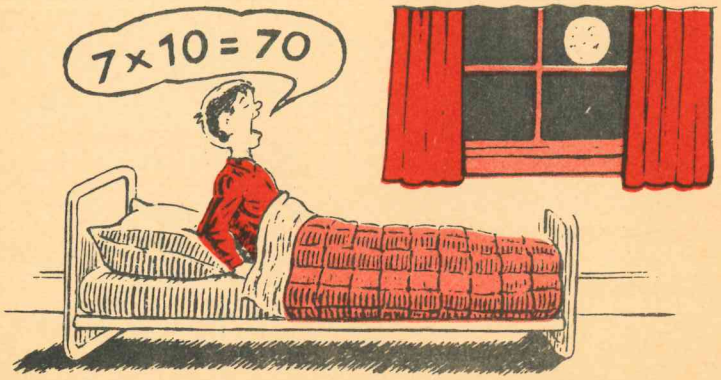
$10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 = 8 \times 10 = 80$

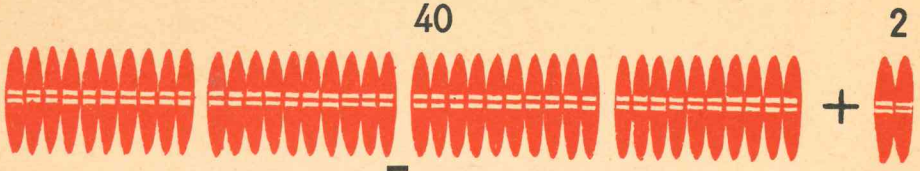
$10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 = 9 \times 10 = 90$

$10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 = 10 \times 10 = 100$

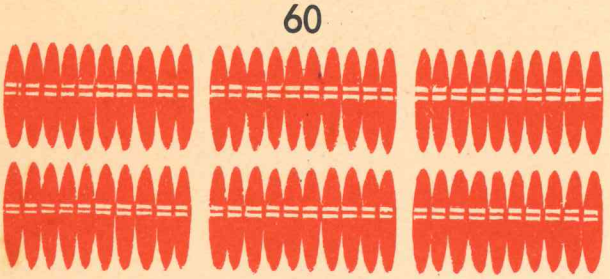
This is the multiplication table of 10.

Learn your tables by heart and know them so well that you can recite them any time of the day or night.

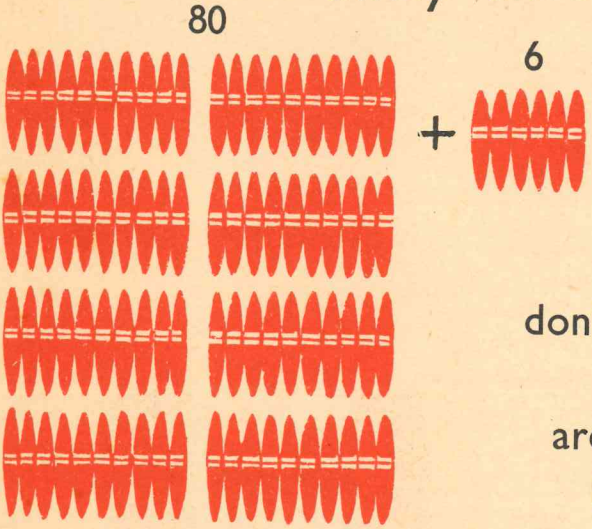




Forty-two.



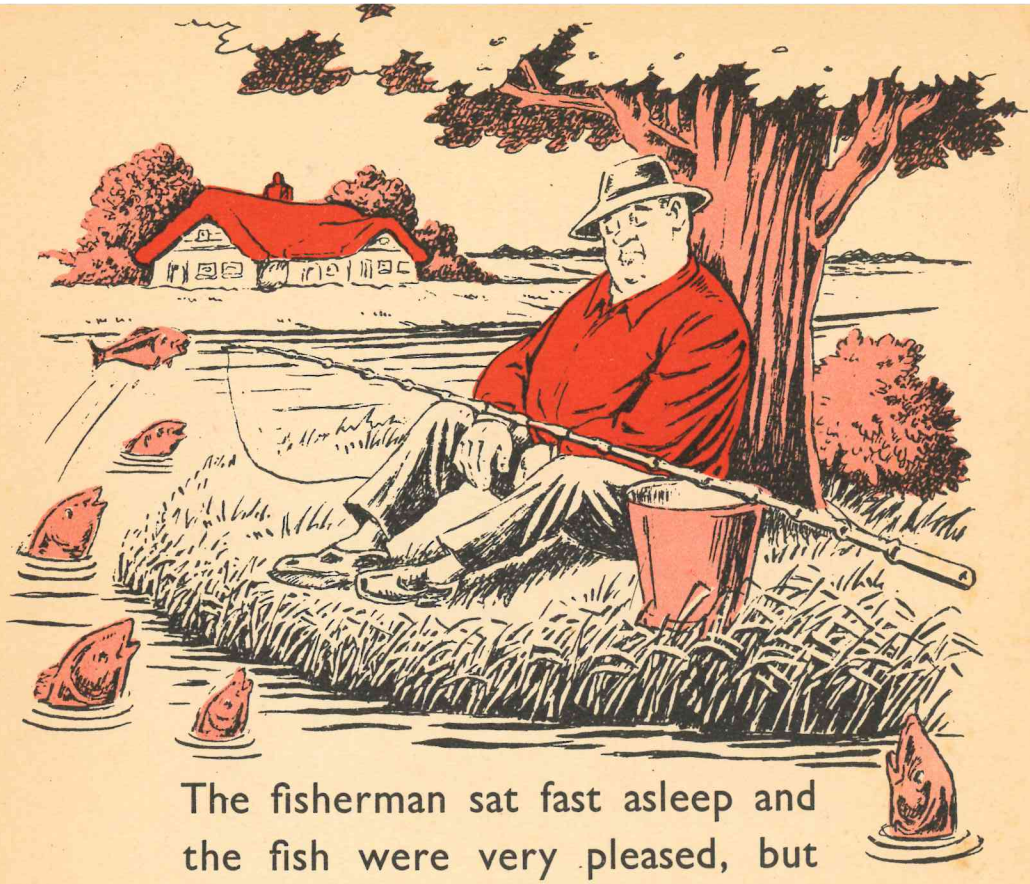
Sixty three.



Eighty six.

No boys,
don't smoke cigars!
These here
are to teach you
how to add.

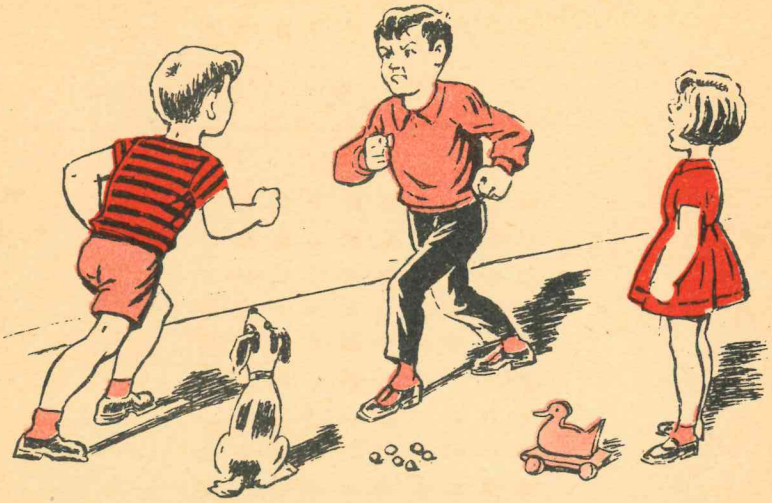
20 + 3 =	90 + 8 =	70 + 9 =
50 + 6 =	60 + 2 =	80 + 4 =
20 + 1 =	30 + 9 =	90 + 8 =



The fisherman sat fast asleep and the fish were very pleased, but when he woke up they did not like him at all.

First he caught 30 carp and 40 perch, then another 7 perch and 20 pike. Then he stopped fishing for a while to find fresh worms, with these worms he caught 9 perch, 6 carp and another 8 pike. Then the fisherman took the fish home. How many pike, perch and carp did he catch?

"Give me those marbles" says Robby, but Peter answers, "I won them and won't give them to you!"



Careful boys don't fight, just listen to me. I will show you how to do sums with marbles.

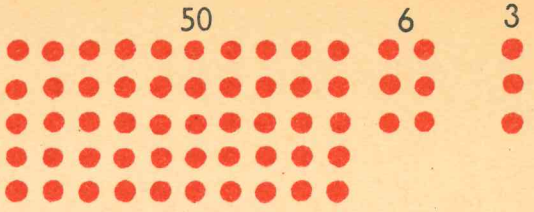
What is 23 + 4?

Put one group of 3 marbles and one group of 4 marbles beside two rows of 10 marbles and then the sum will be very easy.

$3 + 4 = 7$ $7 + 20 = 27$

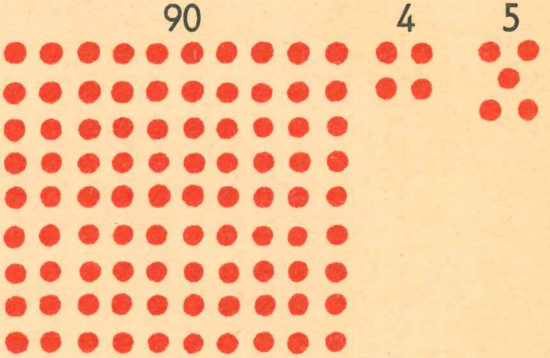
so $23 + 4 = 27$

What is 56 + 3?



6 + 3 = 9 add 50 is 59 56 + 3 = 59

What is 94 + 5?



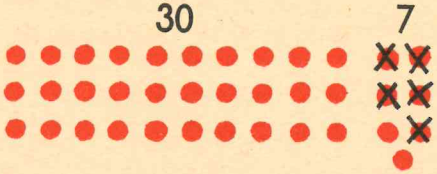
Now that you know how to do these sums you will have no difficulty with the rest.

22 + 3 =	44 + 4 =	86 + 1 =
34 + 5 =	72 + 7 =	75 + 4 =
67 + 2 =	66 + 2 =	32 + 5 =
51 + 8 =	24 + 1 =	74 + 3 =

Look at those two boys!
They are going
to buy new marbles.

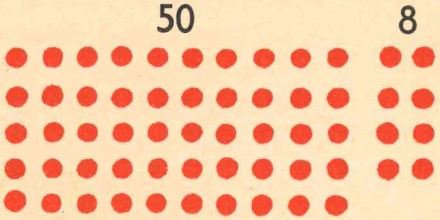
A new sum. Go ahead and lay out your marbles.

37—5=



That is quite easy. 7 - 5 = 2. 37 - 5 = 32

58—4=



8 — 4 = . . 58 — 4 =

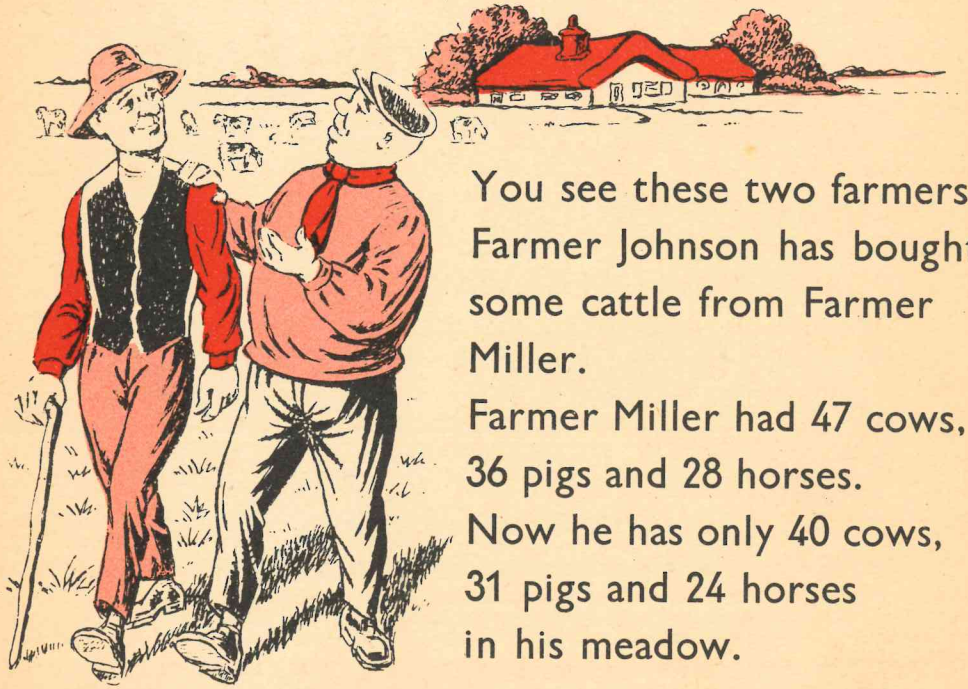
46 — 6 = . . This is a new sum too but I am sure you are clever enough to do it. Take 6 marbles away from 46 then 40 are left. For this sort of sum you do not need marbles you can do it in your head.

Here is another one: 78 - 8 =
78 marbles take away 8 then . . . . . are left.

These boys are not fighting any more, they are pleased that they have learnt so many sums with their marbles.

I wonder whether you can do these sums?

23 + 6 =	39 — 6 =	66 — 6 =
42 + 5 =	54 — 3 =	47 — 7 =
73 + 5 =	98 — 7 =	85 — 5 =
31 + 8 =	45 — 1 =	93 — 3 =
95 + 4 =	76 — 3 =	58 — 8 =



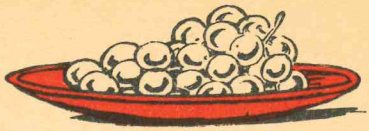
You see these two farmers? Farmer Johnson has bought some cattle from Farmer Miller.

Farmer Miller had 47 cows, 36 pigs and 28 horses. Now he has only 40 cows, 31 pigs and 24 horses in his meadow.

What did Farmer Miller sell to Farmer Johnson?

Farmer Johnson already had 25 horses, 52 cows and 33 pigs.

How many animals has he now?



The multiplication table of two.

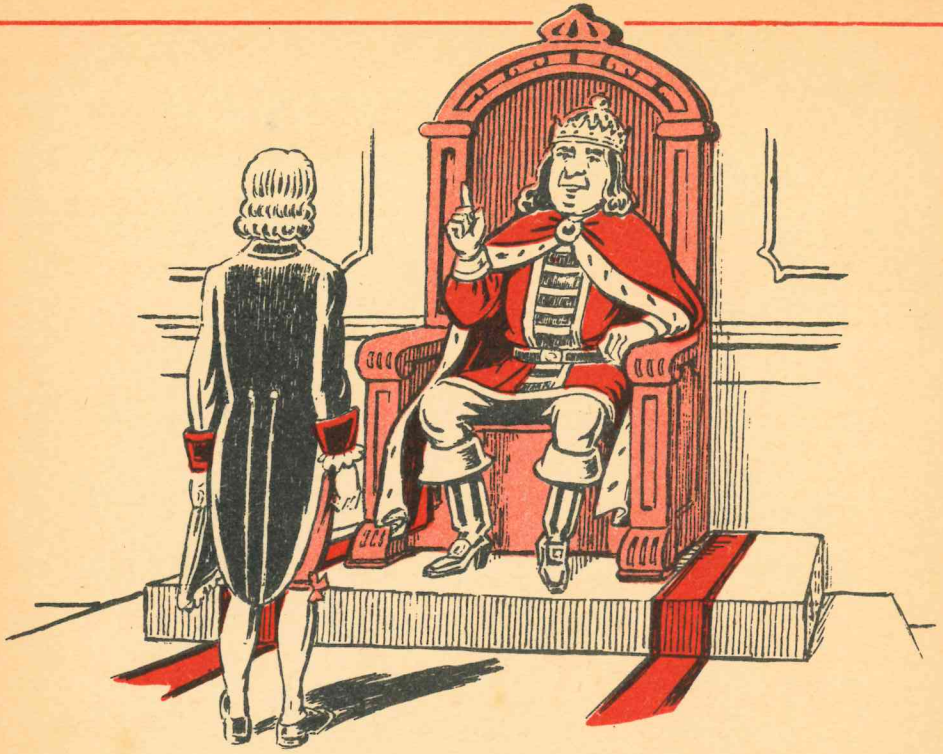
1 × 2 = 2	
2 × 2 = 4	
3 × 2 = 6	
4 × 2 = 8	
5 × 2 = 10	
6 × 2 = 12	
7 × 2 = 14	
8 × 2 = 16	
9 × 2 = 18	
10 × 2 = 20	

All these boys and girls are 10 years old.
How many years is that altogether? 10 x . . . = ...

1 boy has 10 fingers.
How many fingers have 3 boys and 6 girls altogether?
10 x . . . . .

Bill goes to the bakers , the greengrocers, the chemists, the dairy and the butchers. At each shop he buys two things, how many things does he buy altogether? 2x . . = . . .

Each day of the week Bill eats two plates of porridge. How many plates of porridge does he eat in one week? 2 x . . . = . . .

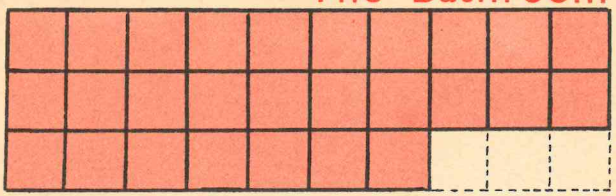


"As you know," says the King to his servant, "I need new tiles in the hall, the passage and the bathroom. Will you take all the measurements and order the correct number of tiles for me."

The servant scratched his head and after a lot of measuring and adding he ordered the tiles. "Oh dear!" he thinks, "I do hope I have ordered the right number."

However, when the tiles arrived there were not enough and the King was very angry and the servant had to start work again.

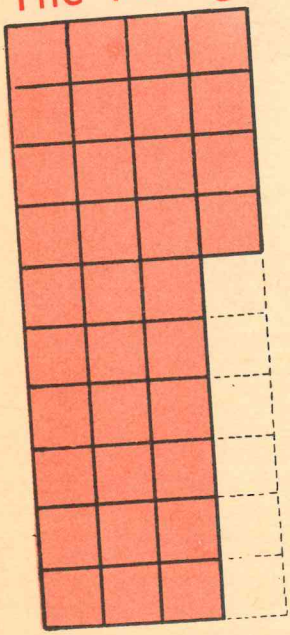
The Bathroom



27 tiles, 3 must be added that makes 30 tiles

$27 + 3 = 30$

The Passage

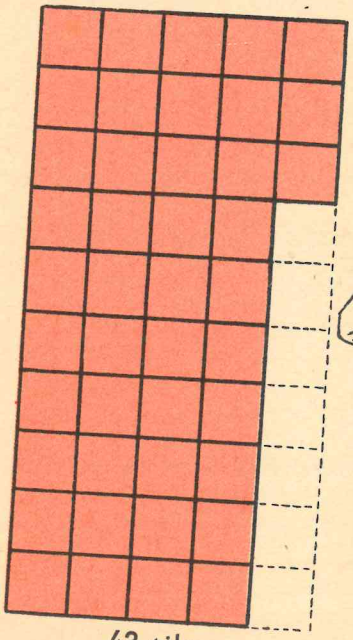


34 tiles,

six have to be added. how many must be added?

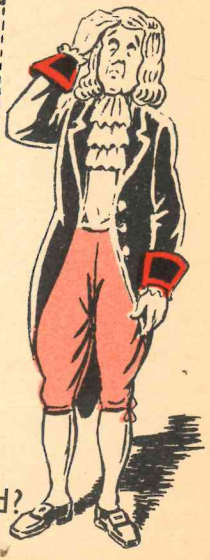
$34 + 6 = \ldots$

The Hall

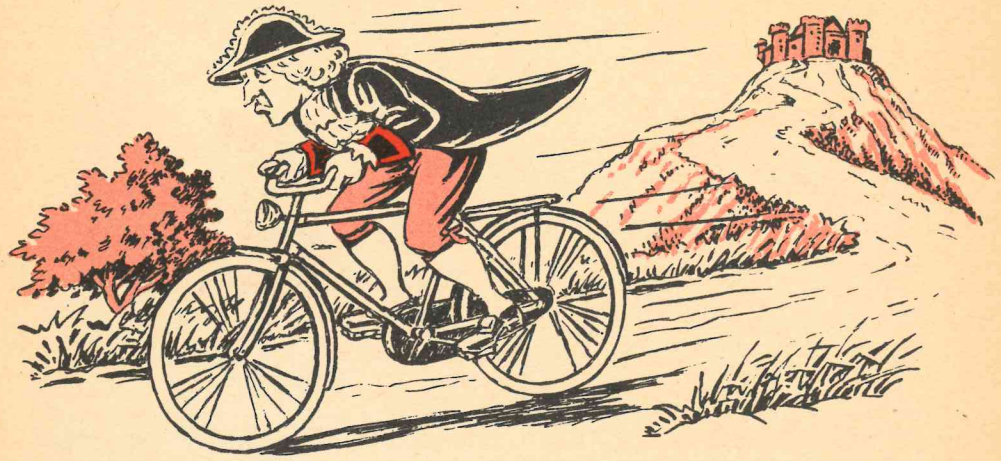


43 tiles,

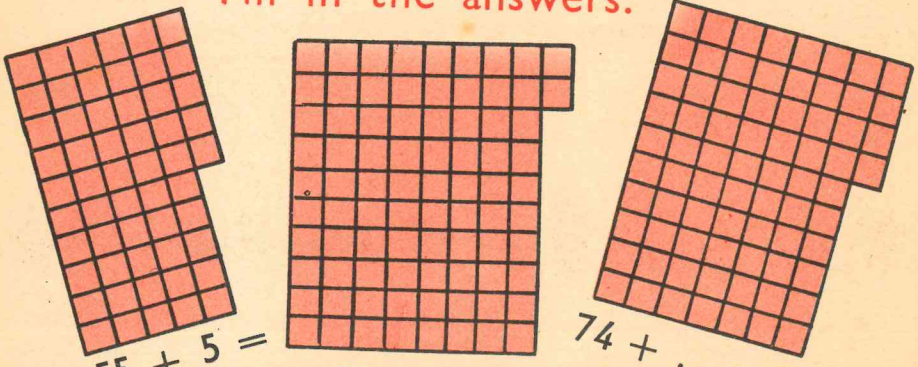
$43 + .. = ..$



Here goes the servant to order the rest of the tiles.
Do you know how many he must order?



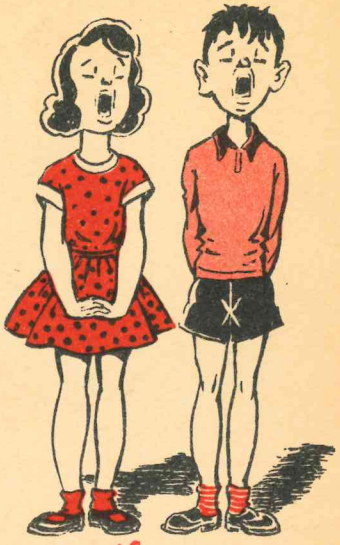
Fill in the answers.



43 + 7 =	44 + 6 =	33 + .. = 40
88 + 2 =	72 + 8 =	52 + .. = 60
31 + 9 =	34 + 6 =	29 + .. = 30
62 + 8 =	25 + 5 =	58 + .. = 60

Here are your multiplication tables of 3 and 4.

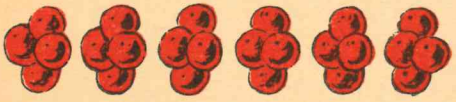
1 × 3 = 3	1 × 4 = 4
2 × 3 = 6	2 × 4 = 8
3 × 3 = 9	3 × 4 = 12
4 × 3 = 12	4 × 4 = 16
5 × 3 = 15	5 × 4 = 20
6 × 3 = 18	6 × 4 = 24
7 × 3 = 21	7 × 4 = 28
8 × 3 = 24	8 × 4 = 32
9 × 3 = 27	9 × 4 = 36
10 × 3 = 30	10 × 4 = 40



When you have learnt them see if you can say them with your eyes closed.

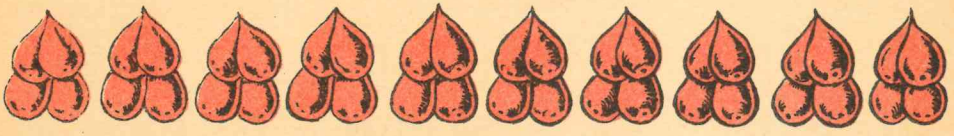
4 × .. = 12

.. × .. = ..



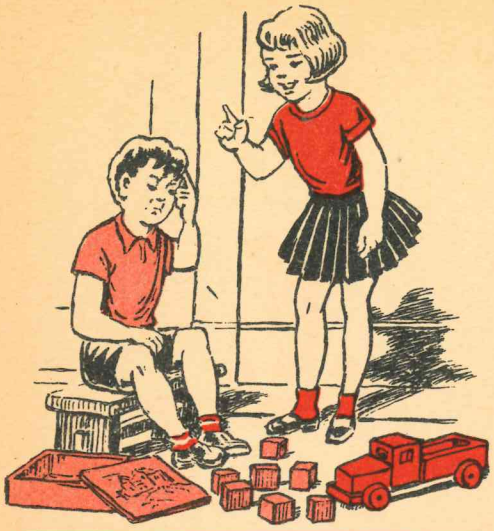
.. × .. = ..

.. × .. = ..



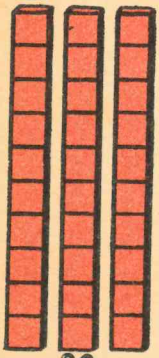
.. × .. = ..

3 = 1 × 3	21 = .. × 3	12 = .. × 4
9 = .. × 3	30 = .. × 3	24 = .. × 4
15 = .. × 3	4 = .. × 4	36 = .. × 4



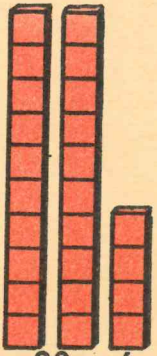
"I had two new sums at school and I can't understand them," Billy tells Mary. "I will show you," says Mary, "You will find them easy if you use these bricks to help you."

What is 30 — 6?



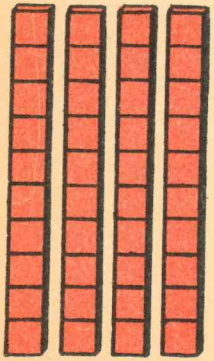
30

30 bricks
take away 6
.... remain



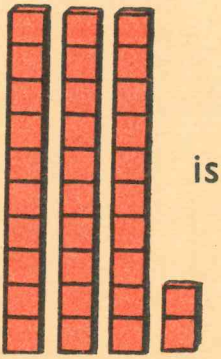
20 4

20 + 4
is 24 bricks.



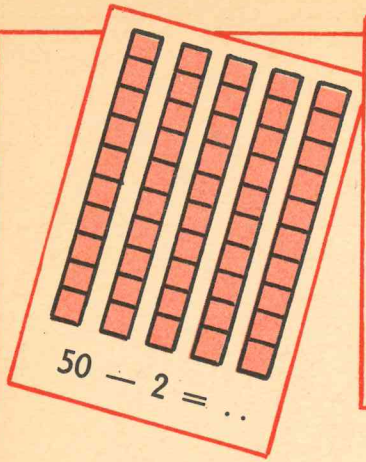
40

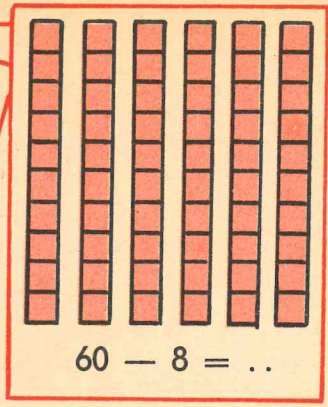
40 — 8 =

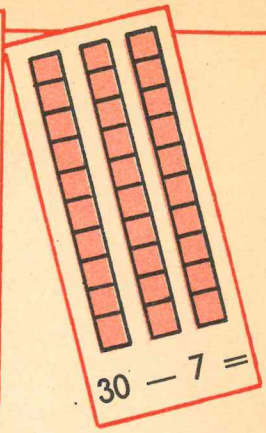


30 2

30 + 2
is 32 bricks.





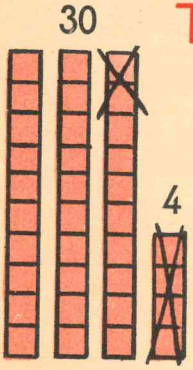


40 — 8 = ..
60 — 2 = ..

90 — 6 = ..
30 — 9 = ..

20 — 4 = ..
50 — 1 = ..

The second new sum.



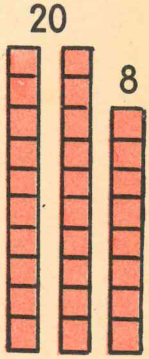
34 - 6 =

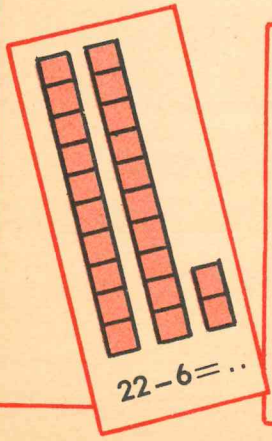
Four have to be taken away,
and then another 2.

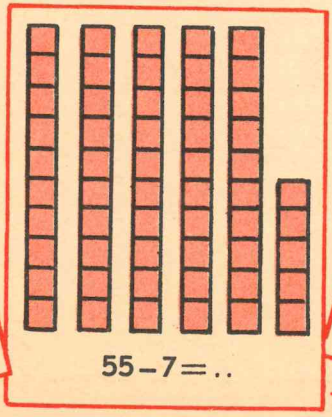
34 - 4 = 30

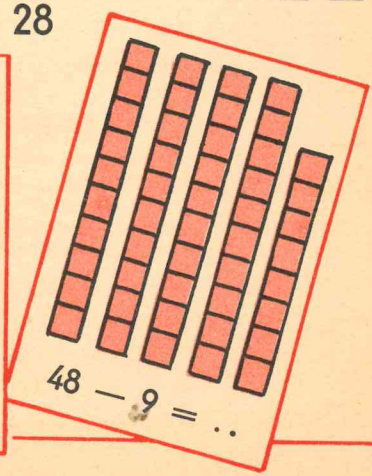
Now another two is 28

so 34 - 6 = 28







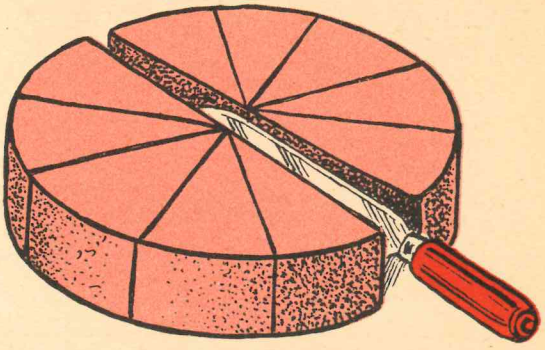


32 — 7 =	62 — 3 =	57 — 8 =
86 — 8 =	75 — 9 =	98 — 9 =

$1 \times 5 = 5$
$2 \times 5 = 10$
$3 \times 5 = 15$
$4 \times 5 = 20$
$5 \times 5 = 25$
$6 \times 5 = 30$
$7 \times 5 = 35$
$8 \times 5 = 40$
$9 \times 5 = 45$
$10 \times 5 = 50$

The multiplication table of 5.

Now we are going to learn dividing.



This cake is marked into ten sections.
If you cut the cake into two there are 1×5 sections in each piece.
It should be written like this: $10 \div 2 = 5$

What is $15 \div 3$?

Here are fifteen apples and three boys to divide them among; how many will each boy have?

. . ÷ . . = . .

The cock is trying to see how many eggs each chicken laid. Do you know?

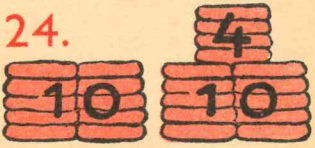
16 ÷ 2 =	28 ÷ 4 =	12 ÷ 2 =
18 ÷ 3 =	25 ÷ 5 =	45 ÷ 5 =

The farmer's wife is cutting slices of bread and butter for her family and the milk-maids and servants.

When they have worked hard all the morning they are very hungry by midday. She says "Johnny, take a basket of bread and butter to the three servants and the two milkmaids, they are milking the cows in the meadow." "Oh yes," says Johnny. "But first I must work out how many slices I must take with me. They all eat ten slices each except for Jane who likes fourteen. I think this will be easier if I make a drawing of it."

For the servants 30 slices of bread.

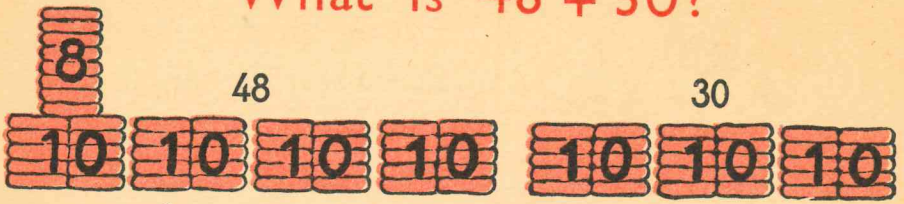
For the maids 24.



$30 + 24 =$

3 tens and 2 tens make 50 then add on 4 and that makes 54, so $30 + 24 = 54$. There you see a drawing makes the sum quite easy. Let's do another one.

What is 48 + 30?

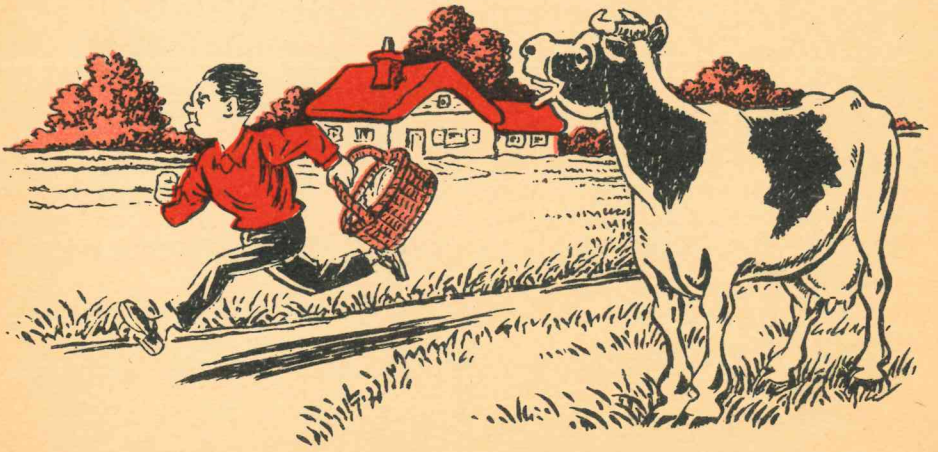


4 tens and 3 tens make .... add

8 .... so 48 + 30 is ..

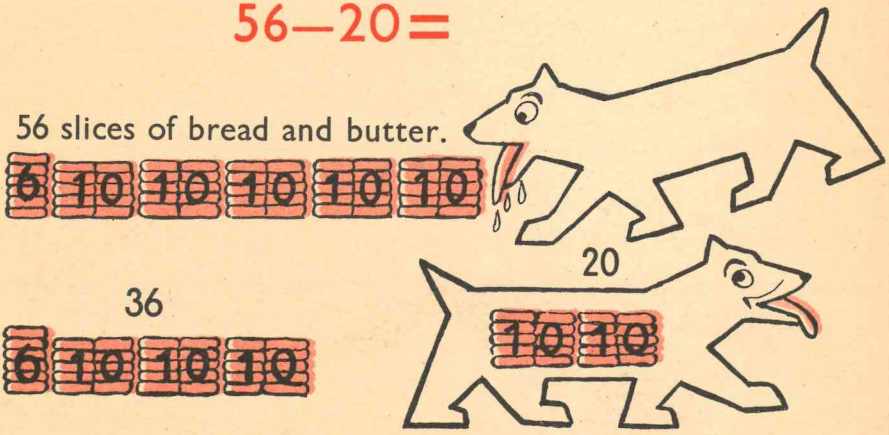
54 + 30 =	22 + 60 =	20 + 71 =
26 + 60 =	40 + 22 =	36 + 40 =
70 + 28 =	50 + 48 =	60 + 38 =

Find these answers.
Johnny took the bread and butter out
to the fields but Jane is very angry
and shouts "You silly boy you
have not brought enough with you"!
So Johnny has to run for more because
he did not do the sum correctly.



The servants and the milkmaids have had their lunch but the dog has been forgotten. He thinks, "I will go to the kitchen and see what I can find to eat. And when the farmer's wife is not looking, in he goes and takes some for himself. There were 56 slices on the table and he ate 20 of them!
How many did that leave.

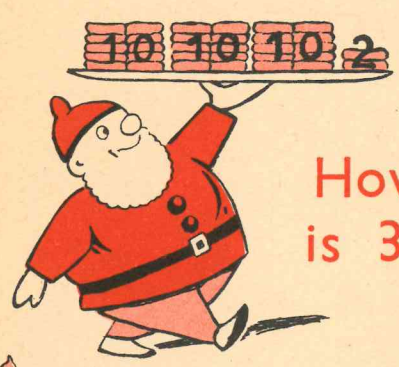
$$56 - 20 =$$



50 - 20 = 30 so 56 - 20 = 36.

The drawing of the dog does look rather strange but it will help you to find the answer

Here are some more sums.
Do your best boys and girls.



How many
is 32 + 47?

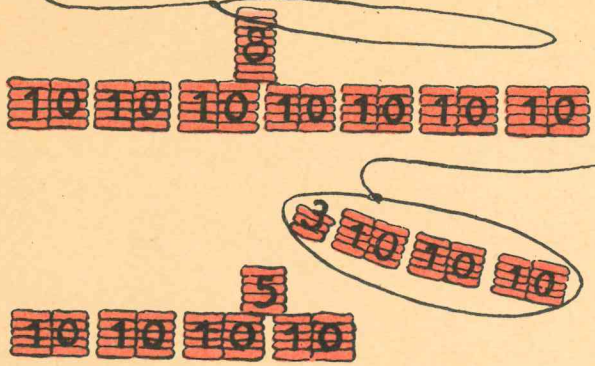
3 tens and 4 tens are 70, 2 + 7 = 9

32 + 47 is 79. Isn't it easy?

What is 76 — 36?

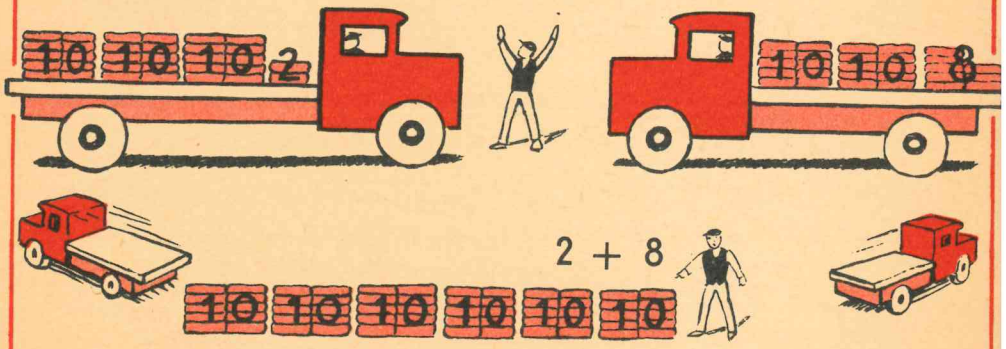
From the 7 tens and the six
we take 3 tens and six.
That will leave 4 tens, that is 40. so 76 - 36 = 40.

What is 78 — 33?



From the 7 tens we take 3 tens,
that leaves 4 tens, that is 40.
Take three from 8 and 5 remain, so 78 - 33 = 45.

What is 32 + 28?



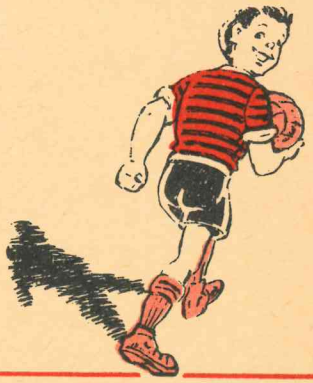
3 tens and 2 tens = 50. 2 + 8 = 10.
50 + 10 = 60, so 32 + 28 = 60.

76 — 20 =	97 — 7 =	59 — 36 =
83 — 50 =	45 — 25 =	22 + 38 =
61 + 26 =	88 — 34 =	46 + 24 =

The Multiplication Tables of 6 and 7.

1 × 6 = 6	1 × 7 = 7
2 × 6 = 12	2 × 7 = 14
3 × 6 = 18	3 × 7 = 21
4 × 6 = 24	4 × 7 = 28
5 × 6 = 30	5 × 7 =
6 × 6 = 36	6 × 7 =
7 × 6 =	7 × 7 =
8 × 6 =	8 × 7 =
9 × 6 =	9 × 7 =
10 × 6 =	10 × 7 =

Now Peter has learnt his tables he is going to play football.



Monday
Tuesday
Wednesday
Thursday
Friday
Saturday
Sunday

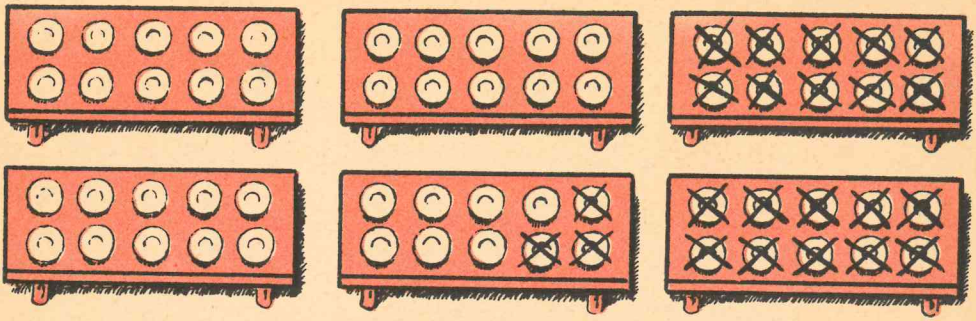
Each day
I smoke 7 cigars
how many
is that every week?

I have 63 fish,
my pan holds 7
how many times
will I have to cook?

18 ÷ 6 =	21 ÷ 7 =
24 ÷ 6 =	14 ÷ 7 =
54 ÷ 6 =	49 ÷ 7 =
36 ÷ 6 =	63 ÷ 7 =

"It is Brownie's birthday" the King tells the cook. "We have sixty guests coming to his party." Here is the servant carrying the sixty plates and as there are six tables he puts ten plates on each table. But 23 guests do not arrive and soon the cook gets angry and says "Take away the spare plates" How many plates do we need now?

What is 60 — 23?



First take away 2 tens that leaves 40,
now take away 3, that will leave 37,
so 60 - 23 = 37.

Another sum: 70 — 48 =

First take away 4 tens, that leaves ...
now take away 8, that makes ... so 70 - 48 = ...

Here is another sum. Try to do this without using the tables and plates to help you.

What is 75 — 38? First take away 30 then 45 remain, now take away 5, that leaves 40 now another three is 37,
so 75 - 38 = 37.

What is 84 - 49? 84 - 40 = ..
take away 9 = ... so 84 - 49 = ...

50 — 34 =	70 — 53 =	98 — 49 =
80 — 21 =	40 — 21 =	56 — 27 =
90 — 38 =	75 — 38 =	81 — 38 =
30 — 27 =	67 — 29 =	76 — 28 =

Here are some division sums.
See if you know all the answers.

56 ÷ 7 =

Mary has a basket full of apples, there are 56 apples in the basket and she shares them between 7 girl friends. How many does each girl get?

The Baker brings 32 cakes, 8 boys have to share them. How many cakes does each boy have?

Peter shares 63 marbles between 7 boys. How many marbles will the boys have each?

Farmer Johnson has 42 cows. He says "If I divide them among my six sons, how many will each son have?"

The Farmer's wife says "I have found 36 eggs and I have six hens, if the hens have laid the same number each, how many has each laid?"

This lady has a lovely bunch of roses, 49 roses altogether. She puts them into 7 vases. How many will be in each vase?

Well done boys and girls!

32 ÷ 8 =

63 ÷ 7 =

42 ÷ 6 =

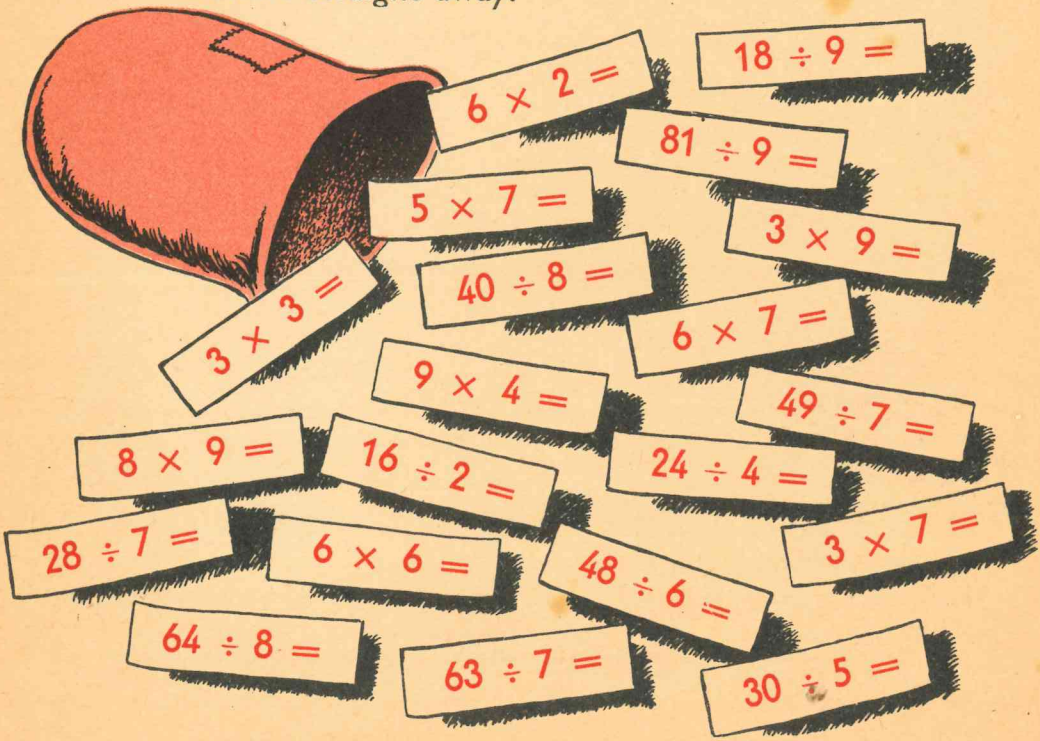
49 ÷ 7 =

36 ÷ 6 =

The Multiplication Tables of 8 and 9

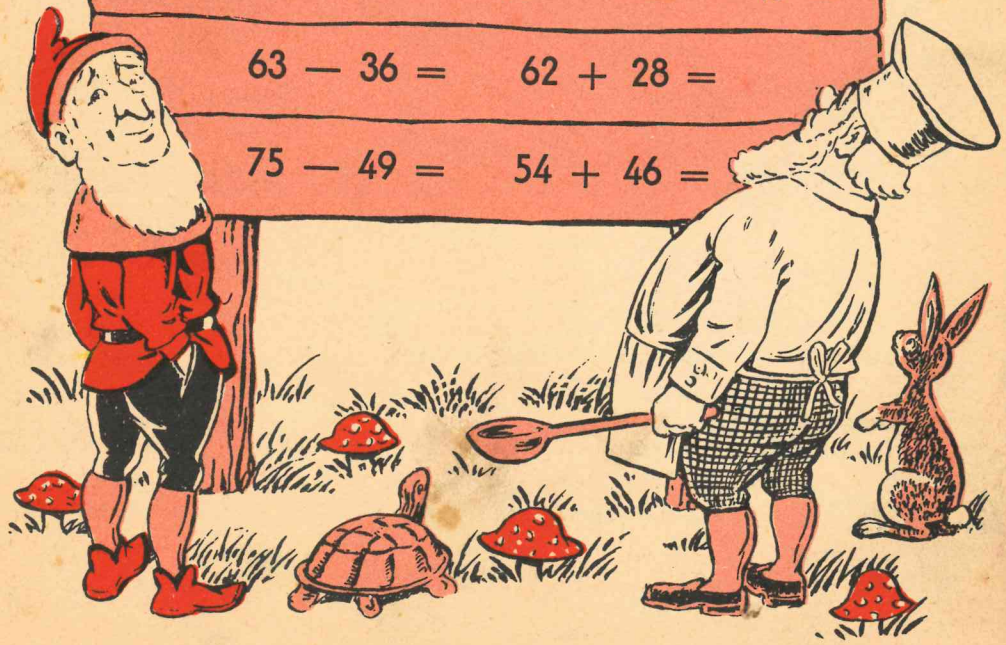
1 × 8 = 8	1 × 9 = 9
2 × 8 = 16	2 × 9 = 18
3 × 8 = 24	3 × 9 = 27
4 × 8 = 32	4 × 9 = 36
5 × 8 = 40	5 × 9 = 45
6 × 8 = 48	6 × 9 = 54
7 × 8 = 56	7 × 9 = 63
8 × 8 = 64	8 × 9 = 72
9 × 8 = 72	9 × 9 = 81
10 × 8 = 80	10 × 9 = 90

Here is a bag full of sums. If you have learnt your tables really well you will know the answers straight away.



Here are the last sums of all in our book. You have already learnt how to do these. I hope you have enjoyed learning from this book.

60 + 30 =	20 + 7 =	55 + 4 =
47 − 5 =	68 + 2 =	90 − 8 =
86 − 9 =	60 + 24 =	76 − 30 =
42 + 47 =	87 − 37 =	88 − 34 =
64 + 26 =	90 − 36 =	85 − 49 =
63 − 36 =	62 + 28 =	
75 − 49 =	54 + 46 =	



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